
Swift Programlama Diline Giriş Eğitimi

Eğitim Hakkında

Swift Programlama Diline Giriş Eğitiminde; Swift 5.5 programlama dilini kapsamlı bir şekilde inceleyecek ve öğreneceksiniz.

Neler Öğreneceksiniz

- Understand the purpose and benefits of Swift
- Gain experience using Swift's data types and standard library
- Learn the proper use of optionals
- Implement a variety of user-defined types in Swift
- Learn about error handling and techniques in Swift
- Understand how to write Swift code that can interoperate with existing code written in C and Objective-C

Eğitim İçeriği

Introduction

- Purpose of Swift
- Evolution of Swift
- Goals of Swift
- Execution Environment
- Swift Package Manager

Fundamentals

- Files and Initialization
- Statements
- Constants and Variables
- Type Annotations
- Numeric Types
- Booleans
- Strings and Characters
- Tuples

- Conditional Statements
- Loops

Optionals

- Introduction
- Forced Unwrapping
- Optional Binding
- Optional Chaining
- Implicitly Unwrapped Optionals

Functions

- Introduction
- External Parameter Names
- Default Parameter Values
- Variadic Parameters
- InOut Parameters
- Function Types
- Closures

Collections

- Introduction
- Arrays
- Sets
- Dictionaries

Object-Oriented Techniques

- Enumerations
- Structures

- Classes
- Computed Properties
- Property Observers
- Automatic Reference Counting (ARC)
- Inheritance
- Type Casting
- Initialization
- Deinitialization
- Protocols
- Extensions
- Access Control

Error Handling

- Introduction
- Representing and Throwing Errors
- Handling Errors
- Cleanup Actions
- Guards

Generics

- Introduction
- Generic Functions
- Generic Types
- Type Constraints

Interoperability

- Introduction
- Objective-C Frameworks
- C Libraries
- Mixed Projects